

Project Design Phase-I
Proposed Solution Template

Date	18 OCTOBER 2022
Team ID	PNT2022TMID09862
Project Name	Project - A Gesture-based Tool for Sterile Browsing of Radiology Images
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
•	Problem Statement (Problem to be solved)	Medical personals do not have to work on non-sterile environment.
•	Idea / Solution description	Gesture-based Tool allows you to access radiology images in Sterile environment.
•	Novelty / Uniqueness	Interactive webpage, User-friendly tool, recognizes the hand gestures even in unfriendly surrounding.
•	Social Impact / Customer Satisfaction	Makes the work easy and sterile for the medical professionals.
•	Business Model (Revenue Model)	This model can be sold to many medical entities which in turn helps to create a disease-free environment.
•	Scalability of the Solution	When surgeons interact with the computer using hardware during surgery there is a possibility of spreading the disease and also makes it unhygienic to work. The Gesture-based Tool helps us to overcome the above-mentioned problems.